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JUN 09 2004

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|--|--|-----------------------------------|-------------------------------|
| Form PTO-1449<br><br>INFORMATION DISCLOSURE CITATION<br>IN AN APPLICATION<br><br>(Use several sheets if necessary) |  | ATTY. DOCKET NO.<br>4450-0384P    | APPLICATION NO.<br>09/661,203 |
|  |  | APPLICANT<br>Sunil TOMAR et al.   | 09/660837                     |
|  |  | FILING DATE<br>September 14, 2000 | GROUP<br>2662                 |

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | KIND | DATE    | NAME               | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|------|---------|--------------------|-------|-----------|----------------------------|
| GBS              | US 4,224,473    |      | 09/1980 | Kaul et al.        |       |           |                            |
| GBS              | US 4,637,012    |      | 01/1987 | Crabbe, Jr., Edwin |       |           |                            |
| GBS              | US 4,717,914    |      | 01/1998 | Scott, Paul H.     |       |           |                            |
| GBS              | US 4,924,464    |      | 05/1990 | Baylock, Gerald A. |       |           |                            |
| GBS              | US 5,040,170    |      | 08/1991 | Upp et al.         |       |           |                            |
| GBS              | US 5,159,595    |      | 10/1992 | Flanagan et al.    |       |           |                            |
| GBS              | US 5,311,511    |      | 05/1994 | Reilly et al.      |       |           |                            |
| GBS              | US 5,581,566    |      | 12/1996 | St. John et al.    |       |           |                            |
| GBS              | US 5,793,770    |      | 08/1998 | St. John et al.    |       |           |                            |
| GBS              | US 5,805,088    |      | 09/1998 | Butter et al.      |       |           |                            |
| GBS              | US 5,878,039    |      | 09/1999 | Gorshe et al.      |       |           | JUN 15 2004                |
| GBS              | US 6,414,966    |      | 07/2002 | Kulkarni et al.    |       |           |                            |
| GBS              | US 6,427,179    |      | 07/2002 | Amrany et al.      |       |           | Technology Center 2600     |
| GBS              | US 6,442,178    |      | 08/2002 | Arato et al.       |       |           |                            |
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| GBS              | US 6,597,214    |      | 07/2003 | Singh et al.       |       |           |                            |
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| GBS              | US 5,867,495    |      | 02/1999 | Peres et al        |       |           |                            |
| GBS              | US 6,047,002    |      | 04/2000 | Hartmann et al.    |       |           |                            |

## FOREIGN PATENT DOCUMENTS

| Office   | DOCUMENT NUMBER   | Kind | DATE       | COUNTRY | CLASS           | SUB CLASS      | TRANSLATION |    |
|----------|-------------------|------|------------|---------|-----------------|----------------|-------------|----|
|          |                   |      |            |         |                 |                | YES         | NO |
| GBS      | 0223943           |      | 03/21/2002 | WIPO    |                 |                |             |    |
| GBS      | 0223941           |      | 03/21/2002 | WIPO    |                 |                |             |    |
| GBS      | 0223790           |      | 03/21/2002 | WIPO    |                 |                |             |    |
| GBS      | 0223774           |      | 03/21/2002 | WIPO    |                 |                |             |    |
| GBS      | 0223777           |      | 03/21/2002 | WIPO    |                 |                |             |    |
| GBS      | EP 1 030 533 A1   |      | 08/23/2000 | Europe  |                 |                |             |    |
| EXAMINER | <i>Cay Sibley</i> |      |            |         | DATE CONSIDERED | <i>3-11-05</i> |             |    |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.R.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449

ATTY. DOCKET NO.  
4450-0384PAPPLICATION NO.  
09/660,837INFORMATION DISLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

APPLICANT  
Sunil TOMAR et al.FILING DATE  
September 14, 2000GROUP  
2662

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | KIND | DATE       | NAME           | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|------------------|-----------------|------|------------|----------------|-------|-----------|----------------------------|
| (CJS)            | US 5,436,890    |      | 07/25/1995 | Read et al.    |       |           |                            |
| (CJS)            | US 6,317,439    |      | 11/13/2001 | Cardona et al. |       |           |                            |
| (CJS)            | US 6,587,470    |      | 07/01/2003 | Elliot et al.  |       |           |                            |
| (CJS)            | US 5,848,065    |      | 12/08/1998 | Gorshe et al.  |       |           |                            |
| (CJS)            | US 4,967,405    |      | 10/30/1990 | Upp et al.     |       |           |                            |
|                  | US              |      |            |                |       |           | JUN 15 2004                |
|                  | US              |      |            |                |       |           |                            |
|                  | US              |      |            |                |       |           | Technology Center 2600     |
|                  | US              |      |            |                |       |           |                            |
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|        |                 |      |      |         |       |           |             |    |

## OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

|       |  |
|-------|--|
| (CJS) | Hiroyuki Fujita et al., "SONET Fiber-Optic Transmission Systems", Hitachi Review, Vol. 44, No. 4, 1995, pps 187-192  |
| (CJS) | Jane M. Simmons et al., "Optical Regional Access Network (ORAN) Project", OFC/IOOC Optical Fiber Communication Conference/International Conference on Integrated Optics and Optical Fiber Communication, 1999, pp. WK1-1 - WK1-3 |
|       |  |
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EXAMINER

*C. Taylor*

DATE CONSIDERED

3-11-05

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